



GENERAL NOTES:

- A. ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN A FURRED CHASE OR ABOVE THE HARD SUSPENDED CEILING, UNLESS NOTED OTHERWISE.
- B. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED. DUCT SIZES ARE NET INSIDE DIMENSIONS.
- C. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. ACCESS PANELS SHALL BE FURNISHED AND INSTALLED UNDER THE ARCHITECTURAL SPECIFICATIONS.
 - D. TOTAL STATIC PRESSURE NOTED IN THE SCHEDULES INCLUDES DUCT SYSTEM, TERMINAL UNITS, FILTERS, COILS, ETC.
- E. REFER TO EQUIPMENT SCHEDULES FOR DIFFUSER, REGISTER AND GRILLE NECK SIZES. DUCT SIZES SHOWN ON FLOOR PLANS SHALL REQUIRE TRANSITIONS TO CONNECT TO
- DIFFUSERS, REGISTERS AND GRILLES. F. WATER PIPE CONNECTIONS TO AIR HEATING AND COOLING COILS SHALL BE MADE TO
- PROVIDE COUNTER FLOW BETWEEN WATER AND AIR. G. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING
- DIFFUSERS, REGISTERS, AND GRILLES. H. SEISMIC PROVISIONS REQUIRED — SEE SPECS. ALL PRESSURES LISTED ARE GAGE
- PRESSURE UNLESS OTHERWISE NOTED
- I. PROVIDE THERMOSTAT COMMUNICATION CABLE FROM ALL THERMOSTAT TO THE ASSOCIATED TERMINAL UNIT OR AIR VALVE. J. ALL SUPPLY AND EXHAUST DUCTWORK BETWEEN AIR MOVING EQUIPMENT AND AIR-VALVES SHALL BE CONSTRUCTED TO A 4 INCH WATER GAUGE PRESSURE CLASS. ALL SUPPLY AND

- 1. EXHAUST HOOD SHALL BE LOCATED DIRECTLY ABOVE STERILIZER DOORS AND WITHOUT CONFLICTING WITH OPENING STERILIZER DOORS. SEE DETAIL D1/M-502, SEE DETAIL F1/M-501 FOR DUCT PENETRATION THRU FINISHED CEILING.
- 2. TRANSFER DUCT SHALL BE LINED FOR THE ENTIRE DUCTWORK. SEE DETAIL F2/M-502.
- 3. PROVIDE DUCTWORK IN 316 STAINLESS STEEL MATERIAL WHERE THIS KEYED NOTE IS INDICATED. SLOPE DUCTWORK TO 316 STAINLESS STEEL HOODS SHOWN ON PLAN TO ALLOW ANY CONDENSATION TO BE RELIEVED AT THE HOOD.
- 4. DUCTWORK SHALL BE CONCEALED ABOVE FINISHED CEILING. EXHAUST DUCTWORK SHALL TERMINATE 12 INCHES BELOW FINISHED CEILING. PROVIDE A FLANGE WITH A CAP FOR FUTURE CONNECTION TO EQUIPMENT. COORDINATE CONNECTION REQUIREMENTS WITH EQUIPMENT BEING PROVIDED. FUTURE EXHAUST AIR SHALL BE BALANCED TO 355 CFM. SEE DETAIL F1/M-501 FOR DUCT PENETRATION THRU FINISHED CEILING.
- 5. PROVIDE A 3 1/2 FT. 316 STAINLESS STEEL EA HOOD. EA DUCTWORK SHALL PENETRATE FINISHED CEILING. PROVIDE A VOLUME DAMPER BELOW FINISHED CEILING AND BALANCE EA TO 285 CFM (TYPICAL OF 2). SEE DETAIL F1/M-501 FOR DUCT PENETRATION THRU FINISHED CEILING. SEE DETAIL D1/M-502 FOR HOOD CONSTRUCTION.
- 6. DUCTWORK SHALL BE CONCEALED ABOVE FINISHED CEILING. EXHAUST DUCTWORK SHALL TERMINATE 12 INCHES BELOW FINISHED CEILING. PROVIDE A FLANGE WITH A CAP FOR FUTURE CONNECTION TO EQUIPMENT. COORDINATE CONNECTION REQUIREMENTS WITH EQUIPMENT BEING PROVIDED. FUTURE EXHAUST AIR SHALL BE BALANCED TO 590 CFM. SEE DETAIL F1/M-501 FOR DUCT PENETRATION THRU FINISHED CEILING.
- 7. PROVIDE A 5 FT. 316 STAINLESS STEEL EA HOOD. EA DUCTWORK SHALL PENETRATE FINISHED CEILING. PROVIDE A VOLUME DAMPER BELOW FINISHED CEILING AND BALANCE EA TO 350 CFM (TYPICAL OF 2). SEE DETAIL F1/M-501 FOR DUCT PENETRATION THRU FINISHED CEILING. SEE DETAIL D1/M-502 FOR HOOD CONSTRUCTION.
- 8. THERMOSTATS SHALL ALLOW FOR TEMPERATURE AVERAGING WITH ASSOCIATED AREAS (TYP OF 3).
- 10. ALL BRANCH CONNECTIONS SHALL ROLL DOWN FROM THE SUB-MAIN SUCH THAT ANY
- CONDENSATE IN THE DUCTWORK SHALL FLOW BACK TO THE EXHAUST HOODS. THE SUB-MAIN SHALL ALSO SLOPE A MINIMUM OF 2 INCHES FROM THE RISER TO THE LAST
- 11. SEE DETAIL B8/M-502 FOR IN LINE FAN HORIZONTAL MOUNTING DETAIL.

1 MECHANICAL HVAC GROUND FLOOR PLAN

1/4" = 1'-0"

Contract Documents Submission (CD3 - 100%) FULLY SPRINKLERED

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